

Application No. 10/789,160
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A crawler frame for a construction machine, ~~the~~ said crawler frame ~~having~~ comprising:

a center frame ~~composed of~~ including: (i) a central frame section for supporting a swing bearing and (ii) legs respectively located ~~on the~~ at right and left sides of the central frame section; and

track frames disposed ~~on the sides of the~~ at distal ends of the respective legs ~~, respectively,~~ of the center frame; [[,]]

wherein each of the legs is bifurcated into front and rear leg sections and each of the leg sections is formed from cast steel.

2. (Currently Amended) The crawler frame for a construction machine according to claim 1, wherein a base section of each said leg has a two-part structure ~~in its base section~~.

3. (Currently Amended) The crawler frame for a construction machine according to claim 2, wherein a base section of the front leg section of each said leg is securely welded to a base section of the rear leg section of the leg; and

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5 wherein the base section of each said leg ~~at which the front and rear leg sections are integrated with each other~~ is securely welded to the central frame section.

4. (Currently Amended) The crawler frame for a construction machine according to claim 3, wherein the ~~entire circumference of the base section of each leg is welded to~~ central frame section includes an upper face plate, a lower face plate, a front face plate and a rear face plate which ~~constitute~~ are welded to the base section of each said leg, such that an entire circumference of the base section of each said leg is welded to the central frame section.

5. (Currently Amended) The crawler frame for a construction machine according to claim 1, wherein each of the front and rear leg sections of each said leg comprises a vertical wall ~~which is formed from cast steel are provided for the front and rear leg sections so as to be~~ and which is integral with a base section of the respective one of the front and rear leg sections. ~~their base sections respectively.~~

6. (Currently Amended) The crawler frame for a construction machine according to claim 5, wherein the legs are coupled to the central frame section such that the vertical walls are located

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substantially immediately under a circular mount of the central frame section for supporting the swing bearing.

7. (Currently Amended) The crawler frame for a construction machine according to claim 5, wherein ~~the~~ each said vertical walls ~~are respectively provided with~~ wall comprises a hole, through which has a thickened lip, for having a hydraulic oil pipe is passed therethrough, and ~~a lip defining the hole is thickened.~~

8. (Currently Amended) The crawler frame for a construction machine according to claim 1, wherein the central frame section comprises upper and lower face plates ~~of the central frame section which~~ are joined to each said leg by J groove welds, and
5 wherein the surfaces of the upper and lower face plates are flush with ~~the~~ corresponding upper and lower faces ~~, respectively,~~ of the each said leg.

9. (Currently Amended) The crawler frame for a construction machine according to claim 1, wherein the central frame section ~~has~~ comprises right and left side supporting plates, and ~~the~~ base sections of the legs are inserted into and securely welded to the
5 central frame section so as to face ~~the~~ a corresponding one of the side supporting plates ~~respectively~~.

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10. (Currently Amended) The crawler frame for a construction machine according to claim 9, wherein the side supporting plates are located substantially immediately under a circular mount of the central frame section for supporting the swing bearing.

11. (Currently Amended) The crawler frame for a construction machine according to claim 9, wherein each of the side supporting plates ~~are respectively provided with~~ comprises a hole ~~through which for having~~ a hydraulic oil pipe ~~is passed~~ therethrough, and a grommet is fit on a lip defining ~~the~~ each ~~said~~ hole.

12. (Currently Amended) The crawler frame for a construction machine according to claim 1, wherein a base section of the front leg section of each said leg comprises a vertical plate section ~~is formed at the a rear end of a base section of the front leg section thereof~~, and ~~at the front end of a base~~ section of the rear leg section of each said leg comprises a vertical plate section at a front end thereof; and

wherein the base sections of the front and rear leg sections are substantially rectangular in cross-section.

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13. (Currently Amended) The crawler frame for a construction machine according to claim 2, wherein the central frame section comprises upper and lower face plates ~~of the central frame section which~~ are joined to each said leg by J groove welds, and the surfaces of the upper and lower face plates are flush with the corresponding upper and lower faces ~~, respectively,~~ of the each said leg.

14. (Currently Amended) The crawler frame for a construction machine according to claim 3, wherein the central frame section comprises upper and lower face plates ~~of the central frame section which~~ are joined to each said leg by J groove welds, and the surfaces of the upper and lower face plates are flush with the corresponding upper and lower faces ~~, respectively,~~ of the each said leg.

15. (Currently Amended) The crawler frame for a construction machine according to claim 4, wherein the upper and lower face plates of the central frame section are joined to each said leg by J groove welds, and the surfaces of the upper and lower face plates are flush with the corresponding upper and lower faces ~~, respectively,~~ of the each said leg.

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16. (Currently Amended) The crawler frame for a construction machine according to claim 5, wherein the central frame section comprises upper and lower face plates ~~of the central frame section~~ which are joined to each said leg by J groove welds, and the surfaces of the upper and lower face plates are flush with the corresponding upper and lower faces ~~, respectively,~~ of the each said leg.

17. (Currently Amended) The crawler frame for a construction machine according to claim 6, wherein the central frame section comprises upper and lower face plates ~~of the central frame section~~ which are joined to each said leg by J groove welds, and the surfaces of the upper and lower face plates are flush with the corresponding upper and lower faces ~~, respectively,~~ of the each said leg.